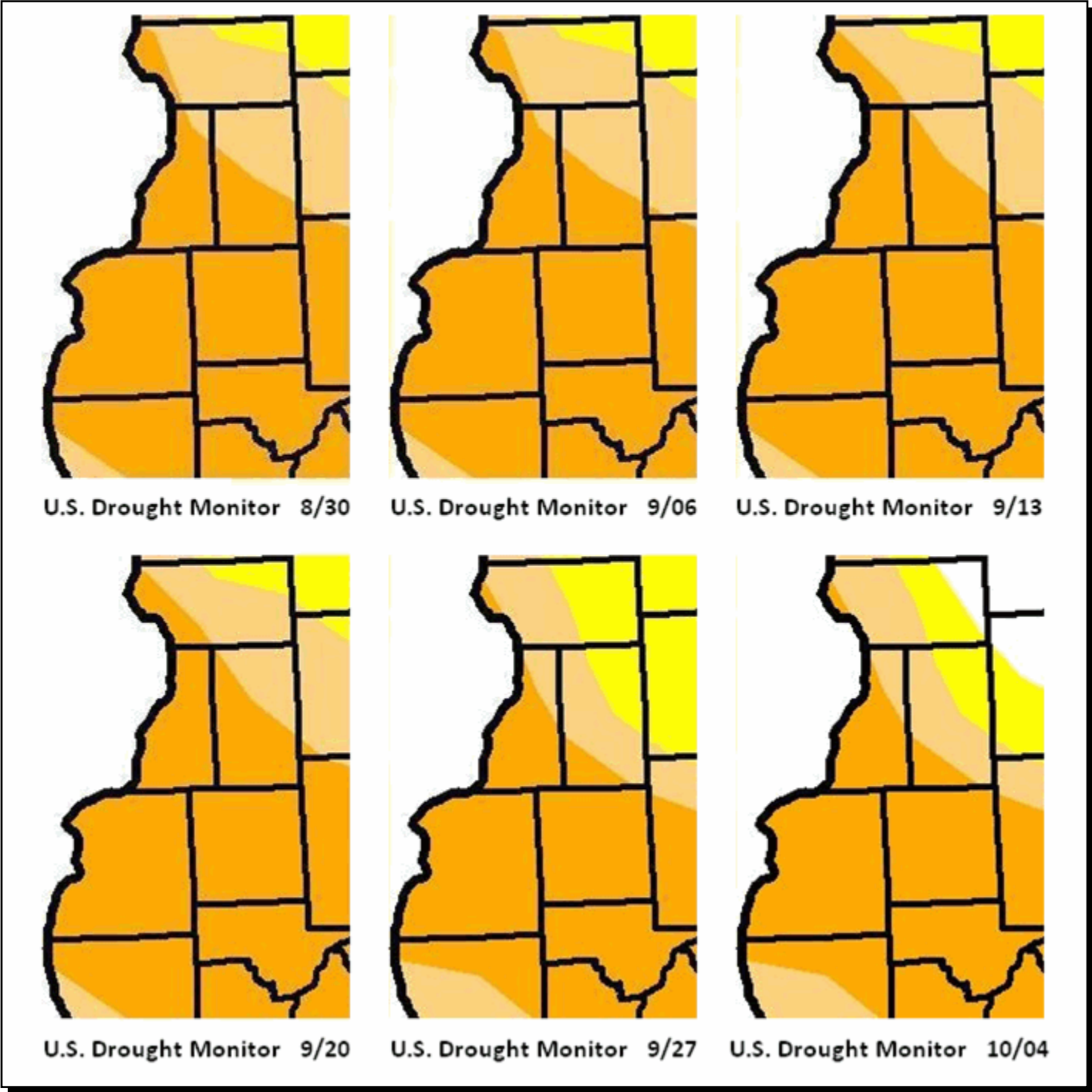


Storm Data and Unusual Weather Phenomena - September 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northwest				
(IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH				
	09/01/11 00:00 CST	0		Drought
	09/30/11 23:59 CST	0		

A D2 severe drought began across Henderson, McDonough, Hancock and southwestern Warren counties at the beginning of September. It lasted through the month.



U.S. Drought Monitor Images from 8/30/2011 through 10/4/2011
Courtesy of the National Drought Mitigation Center

Storm Data and Unusual Weather Phenomena - September 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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BUREAU COUNTY --- 2.1 NE CHERRY [41.45, -89.19]

09/03/11 13:00 CST	0	Hail (0.75 in)
09/03/11 13:04 CST	0	Source: Trained Spotter

Non-severe dime sized hail fell about 5 miles north northeast of Ladd, IL between 2pm and 204 pm CDT September 3.

WARREN COUNTY --- KIRKWOOD [40.87, -90.75]

09/03/11 14:25 CST	0	Hail (0.75 in)
09/03/11 14:25 CST	0	Source: Trained Spotter

Non-severe dime sized hail fell in Kirkwood, IL at 325 pm CDT September 3.

WARREN COUNTY --- 0.9 SW MONMOUTH [40.91, -90.64]

09/03/11 14:35 CST	0	Hail (1.25 in)
09/03/11 14:35 CST	0	Source: Trained Spotter

Half dollar sized hail fell in Monmouth, IL at 335 pm CDT September 3.

WARREN COUNTY --- 0.9 SW MONMOUTH [40.91, -90.64]

09/03/11 14:35 CST	0	Hail (1.75 in)
09/03/11 14:35 CST	0	Source: Fire Department/Rescue

Golf ball sized hail fell in Monmouth, IL at 335 pm CDT September 3.

WARREN COUNTY --- 0.9 SW MONMOUTH [40.91, -90.64]

09/03/11 14:45 CST	0	Hail (1.00 in)
09/03/11 14:45 CST	0	Source: Trained Spotter

Quarter sized hail fell in Monmouth, IL at 345 pm CDT September 3.

WARREN COUNTY --- CAMERON [40.88, -90.52]

09/03/11 14:50 CST	0	Hail (1.00 in)
09/03/11 14:50 CST	0	Source: Public

Quarter sized hail fell in Cameron, IL around 350 pm CDT September 3.

A strong cold front pushed through the region during the afternoon of September 3, bringing some showers and thunderstorms to the area. Heavy rains, damaging winds, and large hail were reported with the stronger storms. Behind the front, much cooler fall-like air filtered into the region during the evening and overnight hours. High temperatures were in the middle 70s in northern Iowa and Minnesota while readings in the upper 90s were seen in Missouri and southern Illinois.

(IL-Z002) STEPHENSON

09/29/11 14:59 CST	1K	Strong Wind (MAX 48 kt)
09/29/11 14:59 CST	0	

Strong northwest winds blew across Iowa and northern Illinois on September 29, as a cold front pushed through Iowa and Illinois. Sustained wind speeds of 25 to 35 mph were common with gusts up to 55 mph at some locations. A few sprinkles and light rain showers were also seen during the day. Afternoon high temperatures were near normal, ranging from 68 degrees in Freeport, IL to 75 degrees in Burlington, IA, Fairfield, IA, Fort Madison, IA and Keokuk, IA.

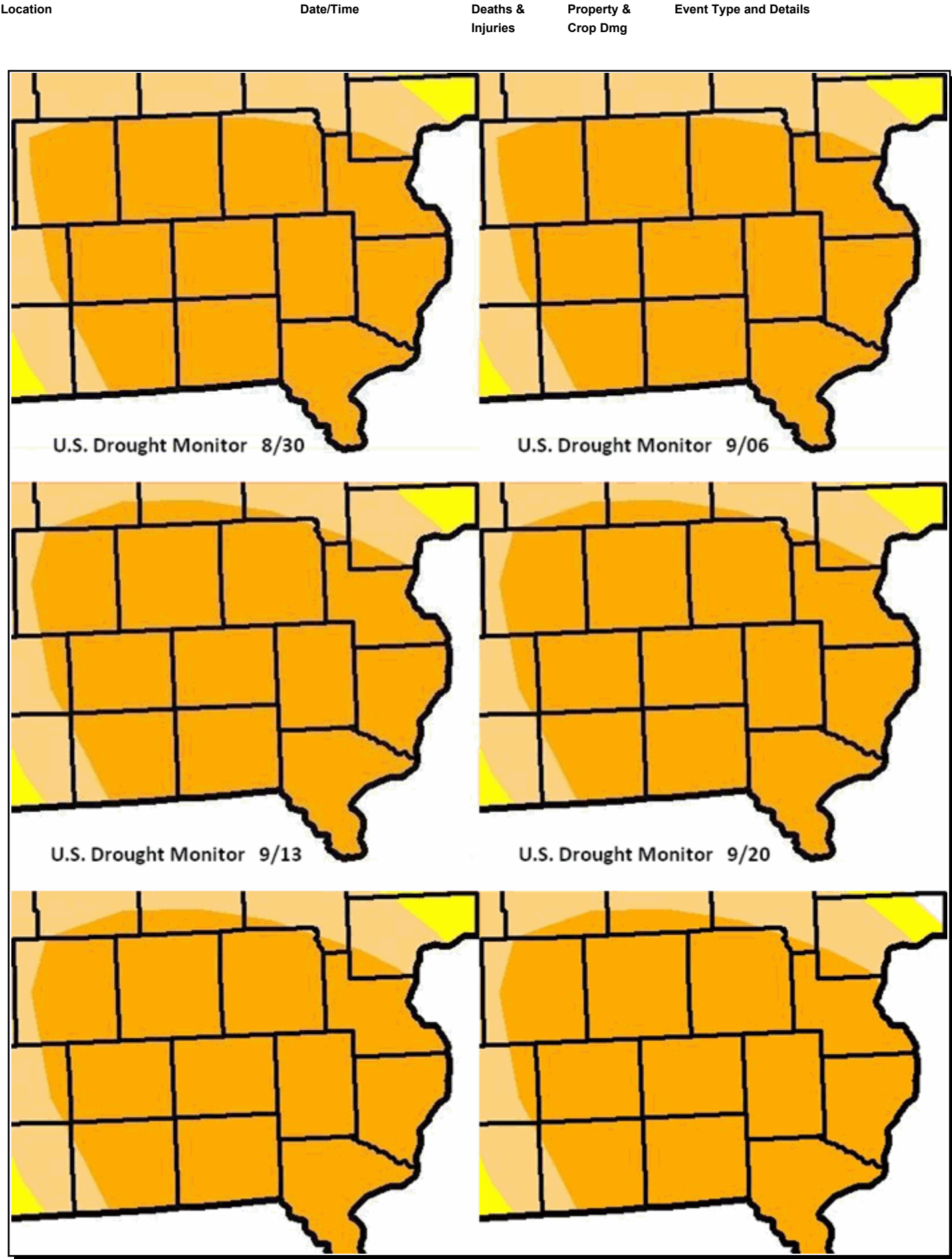
IOWA, East Central and Southeast

(IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE



09/01/11 00:00 CST	0	Drought
09/30/11 23:59 CST	0	

A D2 severe drought began across Keokuk, Washington, Louisa, Jefferson, Henry, Des Moines, Van Buren, and Lee counties at the beginning of September. It lasted through the month.

Storm Data and Unusual Weather Phenomena - September 2011



Storm Data and Unusual Weather Phenomena - September 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<div style="border: 2px solid black; padding: 10px; text-align: center;">   </div> <p>U.S. Drought Monitor Images from 8/30/2011 through 10/4/2011 Courtesy of the National Drought Mitigation Center</p>				
JEFFERSON COUNTY --- 1.9 NE FAIRFIELD [41.02, -91.96]				
	09/01/11 12:45 CST	0		Hail (1.00 in)
	09/01/11 12:45 CST	0		Source: COOP Observer
Quarter sized hail fell in Fairfield, IA around 145 pm CDT September 3.				
JEFFERSON COUNTY --- 0.9 NE FAIRFIELD [41.01, -91.97]				
	09/03/11 12:45 CST	0		Hail (1.00 in)
	09/03/11 12:45 CST	0		Source: Law Enforcement
Quarter sized hail fell in Fairfield, IA at 145 pm CDT.				
JEFFERSON COUNTY --- 2.5 WSW FAIRFIELD MUNI ARPT [41.03, -92.04]				
	09/03/11 12:45 CST	0		Hail (1.75 in)
	09/03/11 12:52 CST	0		Source: Trained Spotter
Golf ball sized hail fell during a hail storm about 3 miles northwest of Fairfield, IA between 145 pm CDT and 152 pm CDT September 3.				
JEFFERSON COUNTY --- 2.1 SSE LIBERTYVILLE [40.92, -92.04]				
	09/03/11 12:52 CST	0		Hail (1.00 in)
	09/03/11 12:52 CST	0		Source: Trained Spotter
Quarter sized hail fell about 3 miles south of Libertyville, IA at 152 pm CDT September 3.				
JEFFERSON COUNTY --- 0.5 E FAIRFIELD [41.00, -91.97]				
	09/03/11 12:55 CST	0		Hail (1.00 in)
	09/03/11 12:55 CST	0		Source: Trained Spotter
Quarter sized hail fell in Fairfield, IA at 155 pm CDT September 3.				
JEFFERSON COUNTY --- 1.5 SSE PERLEE [41.06, -91.91]				
	09/03/11 13:03 CST	0		Hail (0.75 in)
	09/03/11 13:03 CST	0		Source: Trained Spotter
Non-severe dime sized hail fell about 5 miles northeast of Fairfield, IA at 203 pm CDT September 3.				
DES MOINES COUNTY --- 0.5 E MIDDLETOWN [40.83, -91.26]				
	09/03/11 13:58 CST	0		Thunderstorm Wind (EG 56 kt)
	09/03/11 13:58 CST	0		Source: Trained Spotter
Wind gusts estimated to be 65 mph blew a tree down blocking the east bound lane in Middletown, IA at 258 pm CDT September 3.				
DES MOINES COUNTY --- 0.6 WNW LENOX PARK [40.83, -91.14], 0.5 ENE LENOX PARK [40.83, -91.12]				
	09/03/11 14:00 CST	5K		Thunderstorm Wind (EG 56 kt)
	09/03/11 14:00 CST	0		Source: Newspaper
Wind gusts estimated to be 65 mph blew down about three or four large trees in Burlington, IA around 3 pm CDT September 3. One tree fell across Sunnyside Avenue. Another tree on the north side of town fell onto some power lines causing a power outage to about 6000 homes and businesses.				
A strong cold front pushed through the region during the afternoon of September 3, bringing some showers and thunderstorms to the area. Heavy rains, damaging winds, and large hail were reported with the stronger storms. Behind the front, much cooler fall-like air filtered into the region during the evening and overnight hours. High temperatures were in the middle 70s in northern Iowa and Minnesota while readings in the upper 90s were seen in Missouri and southern Illinois.				
BUCHANAN COUNTY --- 2.1 ENE HAZLETON [42.63, -91.86]				

Storm Data and Unusual Weather Phenomena - September 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/02/11 23:22 CST		0	Thunderstorm Wind (EG 61 kt)
	09/02/11 23:22 CST		0	Source: COOP Observer

Wind gusts estimated to be 60 to 70 mph were observed about 2.5 miles west southwest of Stanley, IA at 1222 am CDT September 3.

An isolated severe thunderstorm moved northeastward from Waterloo, IA to Elkader, IA during the early morning hours of September 3. It produced some high winds as it moved across the northwest half of Buchanan County.

(IA-Z051) BENTON

09/29/11 13:45 CST	0	Strong Wind (MAX 43 kt)
09/29/11 13:45 CST	0	

Strong northwest winds blew across Iowa and northern Illinois on September 29, as a cold front pushed through Iowa and Illinois. Sustained wind speeds of 25 to 35 mph were common with gusts up to 55 mph at some locations. A few sprinkles and light rain showers were also seen during the day. Afternoon high temperatures were near normal, ranging from 68 degrees in Freeport, IL to 75 degrees in Burlington, IA, Fairfield, IA, Fort Madison, IA and Keokuk, IA.






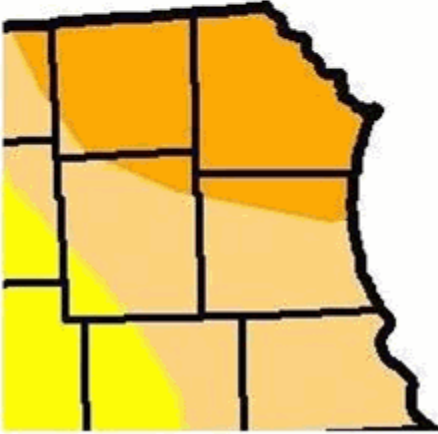
MISSOURI, Northeast

(MO-Z009) SCOTLAND, (MO-Z010) CLARK

09/01/11 00:00 CST	0	Drought
09/30/11 23:59 CST	0	

A D2 severe drought began across Scotland and Clark counties at the beginning of September. It lasted through the month.

Storm Data and Unusual Weather Phenomena - September 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
				
U.S. Drought Monitor 8/30				
				
U.S. Drought Monitor 9/06				
				
U.S. Drought Monitor 9/13				
				
U.S. Drought Monitor 9/20				
				
U.S. Drought Monitor 9/27				
				
U.S. Drought Monitor 10/04				

U.S. Drought Monitor Images from 8/30/2011 through 10/4/2011
Courtesy of the National Drought Mitigation Center